

Customer No.: 31561
Application No.: 10/711,471
Docket NO.: 13363-US-PA

AMENDMENTS

In The Claims:

1. (previously presented) A capacitor structure, comprising:
a conductive layer, wherein the conductive layer has a first spiral pattern and a second spiral pattern arranged alternatively with respect to each other, and the terminal of the first spiral pattern and the terminal of the second spiral pattern at the outside of the capacitor structure extend to different directions; and
a dielectric layer, disposed between the first spiral pattern and the second spiral pattern.
2. (original) The capacitor structure of claim 1, wherein the first spiral pattern comprises an arc shaped spiral pattern.
3. (original) The capacitor structure of claim 1, wherein the first spiral pattern comprises a rectangular spiral pattern.
4. (original) The capacitor structure of claim 1, wherein the second spiral pattern comprises an arc shaped spiral pattern.
5. (original) The capacitor structure of claim 1, wherein the second spiral pattern comprises a rectangular spiral pattern.
6. (original) A capacitor structure, comprising:
a plurality of conductive layers, wherein the conductive layers are mutually stacked against each other, and each of the conductive layers has a first spiral pattern and a second spiral pattern arranged alternatively with respect to each other;

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a dielectric layer, disposed between the first spiral pattern and the second spiral pattern and between pairs of adjacent conductive layers;

at least a first contact window, disposed in the dielectric layer for electrically connecting the first spiral patterns of two adjacent conductive layers; and

at least a second contact window, disposed in the dielectric layer for electrically connecting the second spiral patterns of two adjacent conductive layers.

7. (original) The capacitor structure of claim 6, wherein the first spiral patterns of two adjacent conductive layers are completely overlapping each other.

8. (original) The capacitor structure of claim 6, wherein the first spiral patterns of two adjacent conductive layers are not completely overlapping each other.

9. (original) The capacitor structure of claim 6, wherein the second spiral patterns of two adjacent conductive layers are completely overlapping each other.

10. (original) The capacitor structure of claim 6, wherein the second spiral patterns of the two adjacent conductive layers are not completely overlapping each other.

11. (original) The capacitor structure of claim 6, wherein the first spiral pattern comprises an arc shaped spiral pattern.

12. (original) The capacitor structure of claim 6, wherein the first spiral pattern comprises a rectangular spiral pattern.

13. (original) The capacitor structure of claim 6, wherein the second spiral pattern comprises an arc shaped spiral pattern.

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14. (original) The capacitor structure of claim 6, wherein the second spiral pattern comprises a rectangular spiral pattern.

15. (previously presented) The capacitor structure of claim 1, wherein the first spiral pattern and the second spiral pattern at the outside of the capacitor structure have a larger width than that at the inside of the capacitor structure.